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(54) TRANSMISSION POWER CONTROL METHOD AND MOBILE STATION EQUIPMENT

(57) Abstract:

PURPOSE: To attain highly precise transmission power control by allowing a mobile station to select a transmission power control bit representing a smaller power among transmission power control bits and to control transmission power of the mobile station according to the selected control bit.

CONSTITUTION: When a mobile station PS1 makes SHO(software hand-over) for base stations BS1, BS2, the transmission power of the mobile station PS1 is decided by a mobile station use TPC (transmission power) bit sent from each of the base stations BS1, BS2. That is, the mobile station PS1 compares the mobile station use TPC bits from the base stations BS1, BS2. In this case, the mobile station PS1 decides the

transmission power of the mobile station according to the TPC bit representing a smaller transmission power. As a result, a reception SIR (desired wave versus interference wave power ratio) in the base station BS1 being a source SHO is deteriorated and a channel with the source SHO is interrupted and the SHO is terminated in a short time, then the transmission power is reduced.

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